

**UNIVERSITI TEKNOLOGI MARA**

**COMPACTABLE TABLE**

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## **ABSTRACT**

There are so many designs of tables nowadays. In terms of its functionality, most of the table is still stuck in a one-dimensional type of function. This project targeted to make tables more useful by not just being a table only but it can be a rack. Other than that, the design and their base are not too large and not too small. It can minimize the space. The proposed compactable table can solve several problems such as not having enough space to put the furniture. This problem becomes more worst when apartments and condominiums be the first choice for people in this era. This type of house is cheaper than a landed house. Thus the objective of this project is to make everyone satisfied when they can save their house space. The compactable table fabrication process needed bending, cutting, welding, and many other workshop processes. The material for this project is steel and wood. This project, cost is cheap, and it also can stand more weight, not easily bend, and be more stable. Lastly, the benefit of this project is to make society think about minimizing their things for house space. In conclusion, this compactable table will make everyone's life become better and with the good aesthetic design, people will look for it.

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## **TABLE OF CONTENTS**

	<b>Page</b>
<b>CONFIRMATION BY SUPERVISOR</b>	<b>1</b>
<b>AUTHOR’S DECLARATION</b>	<b>2</b>
<b>ABSTRACT</b>	<b>3</b>
<b>ACKNOWLEDGEMENT</b>	<b>4</b>
<b>TABLE OF CONTENTS</b>	<b>5</b>
<b>LIST OF TABLES</b>	<b>6</b>
<b>LIST OF FIGURES</b>	<b>7</b>
<b>LIST OF ABBREVIATIONS</b>	<b>8</b>
<b>CHAPTER ONE : INTRODUCTION</b>	<b>9</b>
1.1 Background of Study	9
1.2 Problem Statement	10
1.3 Objectives	10
1.4 Scope of Study	10
1.5 Significance of Study	11
<b>CHAPTER TWO : LITERATURE REVIEW</b>	<b>12</b>
2.1 Benchmarking/Comparison with Available Products	12
2.2 Review of Related Manufacturing Process	15
2.3 Patent and Intellectual Properties	18
2.4 Summary of Literature	21

# **CHAPTER ONE**

## **INTRODUCTION**

### **1.1 Background of Study**

Most of table is so big and take too much space in our house. Undeniably table is the important furniture that we must have but it often comes in big sizes. So someone with small house can't get one table for their house when they think how big the sizes of table. Besides people like to use furniture that looks amazing and aesthetic for their house.

Nowadays, this technological advancement and development has been done in this world. Most people hard to find larded house now. Nowadays country have built many houses or building such as flat, apartments and condominiums. This house does not have enough space to put many furniture in there like a table.

For me this project is so efficient because it also help to make our house look very tied even our house a small space. This sure will highly recommended and in demand. This compactable table sure can make people very excited to own it. Besides the table do not use an expensive item build it so people can afford it at an affordable price.

The aim of this project is to maximize space in the house. This project will be will use same sizing with the other table. For your information, just one side can be lift up to change it from table to a rack. This project also will added with one or two mechanism so it will be more easier to lift it up.